

Vehicle Summary

This section is for vehicle and vehicle occupants only. Unless otherwise indicated, this section does not include pedestrians, train occupants, or non-vehicle/non-pedestrians (i.e., horse riders, occupants of a house).

Five-Year Motor Vehicle Registrations by Vehicle Type

| Motor Vehicle Registrations | 1995 | 1996 | 1997 | 1998 | 1999 |
|-----------------------------|------------------|------------------|------------------|------------------|------------------|
| Passenger Cars | 1,993,287 | 2,007,365 | 2,058,306 | 2,118,809 | 2,105,514 |
| Buses | 9,610 | 8,402 | 8,730 | 8,875 | 8,896 |
| Motor Homes | 21,432 | 21,739 | 22,191 | 22,912 | 22,756 |
| Motorcycles | 111,503 | 108,670 | 107,473 | 109,235 | 107,645 |
| Mopeds | 25,312 | 23,183 | 21,114 | 19,305 | 17,556 |
| Trucks | 750,665 | 768,171 | 797,463 | 833,988 | 838,207 |
| Truck Tractors | 8,857 | 9,323 | 12,078 | 12,701 | 13,207 |
| Total | 2,920,666 | 2,946,853 | 3,027,355 | 3,125,825 | 3,113,781 |

Does not include miscellaneous vehicles or trucks registered in more than one state.

Single & Multiple Vehicle Crashes by Number of Vehicles Involved

| Number of Vehicles Involved in Crashes | Crashes | | | | | | | |
|--|---------------|----------------|----------------|----------------|------------------|----------------|---------------|----------------|
| | Fatal Crashes | | Injury Crashes | | Property Crashes | | Total Crashes | |
| | Number | Percent | Number | Percent | Number | Percent | Number | Percent |
| One-Vehicle Crash | 166 | 38.79% | 6,363 | 26.59% | 12,887 | 32.12% | 19,416 | 30.11% |
| Two-Vehicle Crash | 225 | 52.57% | 15,248 | 63.71% | 25,645 | 63.91% | 41,118 | 63.76% |
| Three- or More-Vehicle Crash | 37 | 8.64% | 2,321 | 9.70% | 1,593 | 3.97% | 3,951 | 6.13% |
| Total | 428 | 100.00% | 23,932 | 100.00% | 40,125 | 100.00% | 64,485 | 100.00% |

Drivers with Iowa Licenses in Fatal Crashes and All Crashes by Vehicle Type

| Crashes by Vehicle Type | Drivers with Iowa Licenses in Fatal Crashes | | Vehicles | | | | | | | |
|------------------------------|---|---------------|---------------|----------------|----------------|----------------|------------------|----------------|----------------|----------------|
| | | | Fatal Crashes | | Injury Crashes | | Property Crashes | | Total Crashes | |
| | Number | Percent | Number | Percent | Number | Percent | Number | Percent | Number | Percent |
| Passenger Cars | 289 | 41.11% | 344 | 46.68% | 28,569 | 64.41% | 43,411 | 62.72% | 72,324 | 63.28% |
| Passenger Cars with Trailers | 1 | 0.14% | 1 | 0.14% | 59 | 0.13% | 103 | 0.15% | 163 | 0.14% |
| Vans or Panel Trucks | 3 | 0.43% | 5 | 0.68% | 246 | 0.55% | 396 | 0.57% | 647 | 0.57% |
| Pickup Trucks | 130 | 18.49% | 141 | 19.13% | 6,637 | 14.96% | 11,776 | 17.01% | 18,554 | 16.23% |
| Pickup Trucks with Trailers | 6 | 0.85% | 9 | 1.22% | 202 | 0.46% | 367 | 0.53% | 578 | 0.51% |
| Pickup Trucks with Toppers | 0 | 0.00% | 0 | 0.00% | 3 | 0.01% | 25 | 0.04% | 28 | 0.02% |
| Straight Trucks | 12 | 1.71% | 16 | 2.17% | 432 | 0.97% | 739 | 1.07% | 1,187 | 1.04% |
| Truck Tractors | 1 | 0.14% | 2 | 0.27% | 42 | 0.09% | 126 | 0.18% | 170 | 0.15% |
| Semitrailer Trucks | 43 | 6.12% | 80 | 10.85% | 909 | 2.05% | 1,681 | 2.43% | 2,670 | 2.34% |
| Twin Semitrailer Trucks | 3 | 0.43% | 3 | 0.41% | 33 | 0.07% | 36 | 0.05% | 72 | 0.06% |
| Tow Trucks | 2 | 0.28% | 2 | 0.27% | 33 | 0.07% | 53 | 0.08% | 88 | 0.08% |
| Motor Homes | 0 | 0.00% | 1 | 0.14% | 25 | 0.06% | 47 | 0.07% | 73 | 0.06% |
| Buses | 1 | 0.14% | 1 | 0.14% | 83 | 0.19% | 167 | 0.24% | 251 | 0.22% |
| School Buses | 1 | 0.14% | 1 | 0.14% | 68 | 0.15% | 145 | 0.21% | 214 | 0.19% |
| Farm Vehicles | 7 | 1.00% | 7 | 0.95% | 138 | 0.31% | 146 | 0.21% | 291 | 0.25% |
| Motorcycles | 22 | 3.13% | 28 | 3.80% | 587 | 1.32% | 72 | 0.10% | 687 | 0.60% |
| Pedalcycles | 2 | 0.28% | 6 | 0.81% | 507 | 1.14% | 7 | 0.01% | 520 | 0.45% |
| Recreational Vehicles | 3 | 0.43% | 3 | 0.41% | 50 | 0.11% | 23 | 0.03% | 76 | 0.07% |
| Maintenance Vehicles | 3 | 0.43% | 4 | 0.54% | 125 | 0.28% | 245 | 0.35% | 374 | 0.33% |
| Mopeds | 0 | 0.00% | 0 | 0.00% | 63 | 0.14% | 3 | 0.00% | 66 | 0.06% |
| Sport Utility Vehicles | 68 | 9.67% | 74 | 10.04% | 5,033 | 11.35% | 7,900 | 11.41% | 13,007 | 11.38% |
| Other Vehicles | 2 | 0.28% | 3 | 0.41% | 52 | 0.12% | 110 | 0.16% | 165 | 0.14% |
| Unknown Vehicles | 1 | 0.14% | 6 | 0.81% | 457 | 1.03% | 1,632 | 2.36% | 2,095 | 1.83% |
| Total | 600 | 85.35% | 737 | 100.00% | 44,353 | 100.00% | 69,210 | 100.00% | 114,300 | 100.00% |

Vehicle Summary

Injury Severity of Vehicle Occupants by Vehicle Type

| Injury Severity by Vehicle Type | Fatalities & Injuries | | | | | | | | | | | |
|---------------------------------|-----------------------|----------------|--------------|----------------|---------------|----------------|---------------|----------------|----------|----------------|---------------|----------------|
| | Fatal | | Major | | Minor | | Possible | | Unknown | | Total | |
| | Number | Percent | Number | Percent | Number | Percent | Number | Percent | Number | Percent | Number | Percent |
| Passenger Cars | 277 | 58.81% | 2,102 | 59.97% | 9,275 | 67.07% | 13,492 | 71.19% | 3 | 100.00% | 25,149 | 68.42% |
| Passenger Cars with Trailers | 1 | 0.21% | 7 | 0.20% | 17 | 0.12% | 26 | 0.14% | 0 | 0.00% | 51 | 0.14% |
| Vans or Panel Trucks | 1 | 0.21% | 9 | 0.26% | 49 | 0.35% | 81 | 0.43% | 0 | 0.00% | 140 | 0.38% |
| Pickup Trucks | 73 | 15.50% | 503 | 14.35% | 1,740 | 12.58% | 2,192 | 11.57% | 0 | 0.00% | 4,508 | 12.26% |
| Pickup Trucks with Trailers | 2 | 0.42% | 12 | 0.34% | 34 | 0.25% | 49 | 0.26% | 0 | 0.00% | 97 | 0.26% |
| Pickup Trucks with Toppers | 0 | 0.00% | 0 | 0.00% | 1 | 0.01% | 1 | 0.01% | 0 | 0.00% | 2 | 0.01% |
| Straight Trucks | 2 | 0.42% | 21 | 0.60% | 70 | 0.51% | 75 | 0.40% | 0 | 0.00% | 168 | 0.46% |
| Truck Tractors | 0 | 0.00% | 0 | 0.00% | 8 | 0.06% | 5 | 0.03% | 0 | 0.00% | 13 | 0.04% |
| Semitrailer Trucks | 8 | 1.70% | 42 | 1.20% | 150 | 1.08% | 121 | 0.64% | 0 | 0.00% | 321 | 0.87% |
| Twin Semitrailer Trucks | 2 | 0.42% | 2 | 0.06% | 6 | 0.04% | 14 | 0.07% | 0 | 0.00% | 24 | 0.07% |
| Tow Trucks | 0 | 0.00% | 0 | 0.00% | 4 | 0.03% | 7 | 0.04% | 0 | 0.00% | 11 | 0.03% |
| Motor Homes | 0 | 0.00% | 1 | 0.03% | 7 | 0.05% | 15 | 0.08% | 0 | 0.00% | 23 | 0.06% |
| Buses | 0 | 0.00% | 3 | 0.09% | 48 | 0.35% | 51 | 0.27% | 0 | 0.00% | 102 | 0.28% |
| School Buses | 0 | 0.00% | 2 | 0.06% | 28 | 0.20% | 64 | 0.34% | 0 | 0.00% | 94 | 0.26% |
| Farm Vehicles | 7 | 1.49% | 19 | 0.54% | 19 | 0.14% | 17 | 0.09% | 0 | 0.00% | 62 | 0.17% |
| Motorcycles | 30 | 6.37% | 262 | 7.48% | 316 | 2.29% | 75 | 0.40% | 0 | 0.00% | 683 | 1.86% |
| Pedalcycles | 6 | 1.27% | 72 | 2.05% | 288 | 2.08% | 140 | 0.74% | 0 | 0.00% | 506 | 1.38% |
| Recreational Vehicles | 3 | 0.64% | 20 | 0.57% | 25 | 0.18% | 5 | 0.03% | 0 | 0.00% | 53 | 0.14% |
| Maintenance Vehicles | 2 | 0.42% | 4 | 0.11% | 19 | 0.14% | 10 | 0.05% | 0 | 0.00% | 35 | 0.10% |
| Mopeds | 0 | 0.00% | 20 | 0.57% | 38 | 0.27% | 7 | 0.04% | 0 | 0.00% | 65 | 0.18% |
| Sport Utility Vehicles | 50 | 10.62% | 390 | 11.13% | 1,619 | 11.71% | 2,457 | 12.96% | 0 | 0.00% | 4,516 | 12.29% |
| Other Vehicles | 3 | 0.64% | 4 | 0.11% | 26 | 0.19% | 9 | 0.05% | 0 | 0.00% | 42 | 0.11% |
| Unknown Vehicles | 4 | 0.85% | 10 | 0.29% | 41 | 0.30% | 39 | 0.21% | 0 | 0.00% | 94 | 0.26% |
| Total | 471 | 100.00% | 3,505 | 100.00% | 13,828 | 100.00% | 18,952 | 100.00% | 3 | 100.00% | 36,759 | 100.00% |

Does not include pedestrians or non-vehicle/non-pedestrians (e.g., riders of a horse or horse and buggy, occupants of a train or building).

Vehicle Action

| Vehicle Action | Vehicles | | | | | | | |
|---------------------------|---------------|----------------|----------------|----------------|------------------|----------------|----------------|----------------|
| | Fatal Crashes | | Injury Crashes | | Property Crashes | | Total Crashes | |
| | Number | Percent | Number | Percent | Number | Percent | Number | Percent |
| Going Straight | 578 | 78.43% | 29,205 | 65.85% | 42,730 | 61.74% | 72,513 | 63.44% |
| Turning Left | 41 | 5.56% | 4,653 | 10.49% | 6,716 | 9.70% | 11,410 | 9.98% |
| Turning Right | 5 | 0.68% | 1,203 | 2.71% | 2,554 | 3.69% | 3,762 | 3.29% |
| Making U-turn | 0 | 0.00% | 106 | 0.24% | 182 | 0.26% | 288 | 0.25% |
| Passing | 17 | 2.31% | 333 | 0.75% | 538 | 0.78% | 888 | 0.78% |
| Changing Lanes | 5 | 0.68% | 398 | 0.90% | 1,069 | 1.54% | 1,472 | 1.29% |
| Merging | 4 | 0.54% | 196 | 0.44% | 459 | 0.66% | 659 | 0.58% |
| Parking | 1 | 0.14% | 36 | 0.08% | 148 | 0.21% | 185 | 0.16% |
| Slowing/Stopping | 16 | 2.17% | 2,287 | 5.16% | 2,456 | 3.55% | 4,759 | 4.16% |
| Backing | 6 | 0.81% | 372 | 0.84% | 2,445 | 3.53% | 2,823 | 2.47% |
| Stopped for Sign/Signal | 4 | 0.54% | 1,564 | 3.53% | 1,591 | 2.30% | 3,159 | 2.76% |
| Stopped in Traffic | 1 | 0.14% | 1,858 | 4.19% | 1,473 | 2.13% | 3,332 | 2.92% |
| Stalled in Traffic | 2 | 0.27% | 39 | 0.09% | 48 | 0.07% | 89 | 0.08% |
| Properly Parked | 15 | 2.04% | 565 | 1.27% | 3,597 | 5.20% | 4,177 | 3.65% |
| Improperly Parked | 2 | 0.27% | 58 | 0.13% | 164 | 0.24% | 224 | 0.20% |
| Unattended Moving Vehicle | 0 | 0.00% | 10 | 0.02% | 58 | 0.08% | 68 | 0.06% |
| Other | 32 | 4.34% | 631 | 1.42% | 852 | 1.23% | 1,515 | 1.33% |
| Unknown | 8 | 1.09% | 839 | 1.89% | 2,130 | 3.08% | 2,977 | 2.60% |
| Total | 737 | 100.00% | 44,353 | 100.00% | 69,210 | 100.00% | 114,300 | 100.00% |

Vehicle Summary

Type of Collision in Crashes by Vehicle

| Type of Collision | Vehicles | | | | | | | |
|-----------------------------------|---------------|---------|----------------|---------|------------------|---------|---------------|---------|
| | Fatal Crashes | | Injury Crashes | | Property Crashes | | Total Crashes | |
| | Number | Percent | Number | Percent | Number | Percent | Number | Percent |
| Head-on | 168 | 22.80% | 1,106 | 2.49% | 801 | 1.16% | 2,075 | 1.82% |
| Crossed Center Line | 35 | 4.75% | 2,857 | 6.44% | 3,098 | 4.48% | 5,990 | 5.24% |
| Rear-Ended Vehicle | 53 | 7.19% | 12,375 | 27.90% | 11,923 | 17.23% | 24,351 | 21.30% |
| Sideswiped Vehicle | 23 | 3.12% | 562 | 1.27% | 1,342 | 1.94% | 1,927 | 1.69% |
| Lane Change into Other Vehicle | 6 | 0.81% | 364 | 0.82% | 988 | 1.43% | 1,358 | 1.19% |
| Forced Vehicle Off Roadway | 0 | 0.00% | 162 | 0.37% | 453 | 0.65% | 615 | 0.54% |
| Right-Angle Collision | 141 | 19.13% | 7,802 | 17.59% | 8,563 | 12.37% | 16,506 | 14.44% |
| Turned into Path of Other Vehicle | 10 | 1.36% | 1,823 | 4.11% | 2,667 | 3.85% | 4,500 | 3.94% |
| Single Vehicle | 144 | 19.54% | 5,264 | 11.87% | 8,865 | 12.81% | 14,273 | 12.49% |
| Pedestrian | 19 | 2.58% | 550 | 1.24% | 1 | 0.00% | 570 | 0.50% |
| Pedalcycle | 10 | 1.36% | 926 | 2.09% | 5 | 0.01% | 941 | 0.82% |
| Parked Vehicle | 20 | 2.71% | 834 | 1.88% | 5,458 | 7.89% | 6,312 | 5.52% |
| Unknown | 108 | 14.65% | 9,728 | 21.93% | 25,046 | 36.19% | 34,882 | 30.52% |
| Total | 737 | 100.00% | 44,353 | 100.00% | 69,210 | 100.00% | 114,300 | 100.00% |

Initial Point of Impact

| Initial Point of Impact | Vehicles | | | | | | | |
|-------------------------|---------------|---------|----------------|---------|------------------|---------|---------------|---------|
| | Fatal Crashes | | Injury Crashes | | Property Crashes | | Total Crashes | |
| | Number | Percent | Number | Percent | Number | Percent | Number | Percent |
| Front | 375 | 50.88% | 18,069 | 40.74% | 21,440 | 30.98% | 39,884 | 34.89% |
| Right Front | 54 | 7.33% | 2,755 | 6.21% | 4,733 | 6.84% | 7,542 | 6.60% |
| Right Side | 50 | 6.78% | 1,585 | 3.57% | 2,314 | 3.34% | 3,949 | 3.45% |
| Right Rear | 16 | 2.17% | 968 | 2.18% | 2,447 | 3.54% | 3,431 | 3.00% |
| Rear | 47 | 6.38% | 6,877 | 15.51% | 7,039 | 10.17% | 13,963 | 12.22% |
| Left Rear | 19 | 2.58% | 1,128 | 2.54% | 2,600 | 3.76% | 3,747 | 3.28% |
| Left Side | 48 | 6.51% | 1,743 | 3.93% | 2,362 | 3.41% | 4,153 | 3.63% |
| Left Front | 60 | 8.14% | 3,000 | 6.76% | 5,121 | 7.40% | 8,181 | 7.16% |
| Top | 2 | 0.27% | 141 | 0.32% | 169 | 0.24% | 312 | 0.27% |
| Undercarriage | 4 | 0.54% | 171 | 0.39% | 169 | 0.24% | 344 | 0.30% |
| Other/Unknown | 62 | 8.41% | 7,916 | 17.85% | 20,816 | 30.08% | 28,794 | 25.19% |
| Total | 737 | 100.00% | 44,353 | 100.00% | 69,210 | 100.00% | 114,300 | 100.00% |

Area of Vehicle Damage

| Area of Vehicle Damage | Vehicles | | | | | | | |
|------------------------|---------------|---------|----------------|---------|------------------|---------|---------------|---------|
| | Fatal Crashes | | Injury Crashes | | Property Crashes | | Total Crashes | |
| | Number | Percent | Number | Percent | Number | Percent | Number | Percent |
| Front | 480 | 21.59% | 22,141 | 24.95% | 25,244 | 22.72% | 47,865 | 23.69% |
| Right Front | 382 | 17.18% | 12,867 | 14.50% | 13,943 | 12.55% | 27,192 | 13.46% |
| Right Side | 167 | 7.51% | 4,484 | 5.05% | 5,623 | 5.06% | 10,274 | 5.08% |
| Right Rear | 114 | 5.13% | 4,938 | 5.56% | 6,357 | 5.72% | 11,409 | 5.65% |
| Rear | 92 | 4.14% | 7,917 | 8.92% | 8,298 | 7.47% | 16,307 | 8.07% |
| Left Rear | 129 | 5.80% | 5,202 | 5.86% | 6,587 | 5.93% | 11,918 | 5.90% |
| Left Side | 206 | 9.27% | 4,873 | 5.49% | 5,782 | 5.20% | 10,861 | 5.37% |
| Left Front | 364 | 16.37% | 12,843 | 14.47% | 13,914 | 12.52% | 27,121 | 13.42% |
| Top | 194 | 8.73% | 2,996 | 3.38% | 1,782 | 1.60% | 4,972 | 2.46% |
| Undercarriage | 57 | 2.56% | 2,414 | 2.72% | 1,925 | 1.73% | 4,396 | 2.18% |
| Other/Unknown | 38 | 1.71% | 8,067 | 9.09% | 21,648 | 19.48% | 29,753 | 14.72% |
| Total | 2,223 | 100.00% | 88,742 | 100.00% | 111,103 | 100.00% | 202,068 | 100.00% |

Up to four area of vehicle damage may be indicated for each vehicle listed in a crash.

Vehicle Summary

Vehicle Fire or Explosion

| Fire/Explosion | Vehicles | | | | | | | |
|----------------|---------------|---------|----------------|---------|------------------|---------|---------------|---------|
| | Fatal Crashes | | Injury Crashes | | Property Crashes | | Total Crashes | |
| | Number | Percent | Number | Percent | Number | Percent | Number | Percent |
| No | 688 | 93.35% | 37,788 | 85.20% | 49,457 | 71.46% | 87,933 | 76.93% |
| Yes | 44 | 5.97% | 84 | 0.19% | 95 | 0.14% | 223 | 0.20% |
| Unknown | 5 | 0.68% | 6,481 | 14.61% | 19,658 | 28.40% | 26,144 | 22.87% |
| Total | 737 | 100.00% | 44,353 | 100.00% | 69,210 | 100.00% | 114,300 | 100.00% |

Vehicle Defects

| Vehicle Defects | Vehicles | | | | | | | |
|-------------------|---------------|---------|----------------|---------|------------------|---------|---------------|---------|
| | Fatal Crashes | | Injury Crashes | | Property Crashes | | Total Crashes | |
| | Number | Percent | Number | Percent | Number | Percent | Number | Percent |
| None | 557 | 75.58% | 33,008 | 74.42% | 43,214 | 62.44% | 76,779 | 67.17% |
| Brakes | 1 | 0.14% | 244 | 0.55% | 251 | 0.36% | 496 | 0.43% |
| Steering | 0 | 0.00% | 38 | 0.09% | 51 | 0.07% | 89 | 0.08% |
| Blowout | 0 | 0.00% | 37 | 0.08% | 69 | 0.10% | 106 | 0.09% |
| Smooth Tires | 1 | 0.14% | 45 | 0.10% | 33 | 0.05% | 79 | 0.07% |
| Other Tire Defect | 1 | 0.14% | 26 | 0.06% | 56 | 0.08% | 83 | 0.07% |
| Wipers | 0 | 0.00% | 16 | 0.04% | 20 | 0.03% | 36 | 0.03% |
| Trailer Hitch | 0 | 0.00% | 10 | 0.02% | 22 | 0.03% | 32 | 0.03% |
| Exhaust | 0 | 0.00% | 5 | 0.01% | 6 | 0.01% | 11 | 0.01% |
| Headlights | 1 | 0.14% | 47 | 0.11% | 69 | 0.10% | 117 | 0.10% |
| Tail Lights | 0 | 0.00% | 16 | 0.04% | 23 | 0.03% | 39 | 0.03% |
| Turn Signal | 0 | 0.00% | 11 | 0.02% | 27 | 0.04% | 38 | 0.03% |
| Suspension | 0 | 0.00% | 10 | 0.02% | 12 | 0.02% | 22 | 0.02% |
| Other | 3 | 0.41% | 103 | 0.23% | 155 | 0.22% | 261 | 0.23% |
| Glass | 0 | 0.00% | 8 | 0.02% | 10 | 0.01% | 18 | 0.02% |
| Unknown | 173 | 23.47% | 10,729 | 24.19% | 25,192 | 36.40% | 36,094 | 31.58% |
| Total | 737 | 100.00% | 44,353 | 100.00% | 69,210 | 100.00% | 114,300 | 100.00% |

Type of Vehicle Attachments

| Vehicle Attachment | Vehicles | | | | | | | |
|--------------------|---------------|---------|----------------|---------|------------------|---------|---------------|---------|
| | Fatal Crashes | | Injury Crashes | | Property Crashes | | Total Crashes | |
| | Number | Percent | Number | Percent | Number | Percent | Number | Percent |
| None | 635 | 86.16% | 36,636 | 82.60% | 47,406 | 68.50% | 84,677 | 74.08% |
| Single Trailer | 34 | 4.61% | 383 | 0.86% | 660 | 0.95% | 1,077 | 0.94% |
| Double Trailer | 3 | 0.41% | 44 | 0.10% | 64 | 0.09% | 111 | 0.10% |
| Semitrailer | 39 | 5.29% | 327 | 0.74% | 525 | 0.76% | 891 | 0.78% |
| Farm Equipment | 7 | 0.95% | 95 | 0.21% | 107 | 0.15% | 209 | 0.18% |
| Utility | 1 | 0.14% | 189 | 0.43% | 349 | 0.50% | 539 | 0.47% |
| Camping | 0 | 0.00% | 21 | 0.05% | 44 | 0.06% | 65 | 0.06% |
| Boat Trailer | 2 | 0.27% | 19 | 0.04% | 50 | 0.07% | 71 | 0.06% |
| Mobile Home | 2 | 0.27% | 103 | 0.23% | 142 | 0.21% | 247 | 0.22% |
| Oversized Load | 0 | 0.00% | 4 | 0.01% | 14 | 0.02% | 18 | 0.02% |
| Towed Vehicle | 3 | 0.41% | 39 | 0.09% | 34 | 0.05% | 76 | 0.07% |
| Other | 2 | 0.27% | 67 | 0.15% | 93 | 0.13% | 162 | 0.14% |
| Unknown | 9 | 1.22% | 6,426 | 14.49% | 19,722 | 28.50% | 26,157 | 22.88% |
| Total | 737 | 100.00% | 44,353 | 100.00% | 69,210 | 100.00% | 114,300 | 100.00% |

Vehicle Summary

Driver/Vehicle-Related Contributing Circumstances

| Driver/Vehicle Related Contributing Circumstances | Contributing Circumstances | | | | | | | |
|---|----------------------------|----------------|----------------|----------------|------------------|----------------|----------------|----------------|
| | Fatal Crashes | | Injury Crashes | | Property Crashes | | Total Crashes | |
| | Number | Percent | Number | Percent | Number | Percent | Number | Percent |
| None Apparent | 277 | 32.63% | 20,215 | 40.72% | 32,198 | 42.52% | 52,690 | 41.75% |
| Ran Traffic Signal | 7 | 0.82% | 1,278 | 2.57% | 1,074 | 1.42% | 2,359 | 1.87% |
| Ran Stop Sign | 31 | 3.65% | 735 | 1.48% | 652 | 0.86% | 1,418 | 1.12% |
| Passed Stopped School Bus | 0 | 0.00% | 24 | 0.05% | 20 | 0.03% | 44 | 0.03% |
| Improper Passing | 15 | 1.77% | 271 | 0.55% | 534 | 0.71% | 820 | 0.65% |
| Left of Center, Not Passing | 58 | 6.83% | 427 | 0.86% | 403 | 0.53% | 888 | 0.70% |
| FTYROW at Intersection | 7 | 0.82% | 381 | 0.77% | 504 | 0.67% | 892 | 0.71% |
| FTYROW from Stop Sign | 29 | 3.42% | 1,885 | 3.80% | 2,510 | 3.31% | 4,424 | 3.51% |
| FTYROW from Yield Sign | 1 | 0.12% | 219 | 0.44% | 272 | 0.36% | 492 | 0.39% |
| FTYROW Making Left Turn | 15 | 1.77% | 1,775 | 3.58% | 2,024 | 2.67% | 3,814 | 3.02% |
| FTYROW from Driveway | 4 | 0.47% | 423 | 0.85% | 860 | 1.14% | 1,287 | 1.02% |
| FTYROW from Parked Position | 0 | 0.00% | 58 | 0.12% | 278 | 0.37% | 336 | 0.27% |
| FTYROW to Pedestrian | 2 | 0.24% | 100 | 0.20% | 4 | 0.01% | 106 | 0.08% |
| FTYROW Other | 3 | 0.35% | 337 | 0.68% | 465 | 0.61% | 805 | 0.64% |
| Wrong Way/One-Way | 4 | 0.47% | 46 | 0.09% | 41 | 0.05% | 91 | 0.07% |
| Too Fast for Conditions | 27 | 3.18% | 1,402 | 2.82% | 1,684 | 2.22% | 3,113 | 2.47% |
| Exceeding Speed Limit | 24 | 2.83% | 365 | 0.74% | 263 | 0.35% | 652 | 0.52% |
| Drag Racing | 2 | 0.24% | 12 | 0.02% | 9 | 0.01% | 23 | 0.02% |
| Improper Turn | 2 | 0.24% | 342 | 0.69% | 834 | 1.10% | 1,178 | 0.93% |
| Improper Lane Change | 1 | 0.12% | 335 | 0.67% | 1,043 | 1.38% | 1,379 | 1.09% |
| Following Too Close | 1 | 0.12% | 1,588 | 3.20% | 1,551 | 2.05% | 3,140 | 2.49% |
| No/Improper Signal | 0 | 0.00% | 83 | 0.17% | 191 | 0.25% | 274 | 0.22% |
| Disregarded Railroad Signal | 1 | 0.12% | 26 | 0.05% | 29 | 0.04% | 56 | 0.04% |
| Disregarded Warning Signal | 2 | 0.24% | 28 | 0.06% | 31 | 0.04% | 61 | 0.05% |
| Reckless Driving | 7 | 0.82% | 209 | 0.42% | 270 | 0.36% | 486 | 0.39% |
| Improper Backing | 1 | 0.12% | 156 | 0.31% | 1,124 | 1.48% | 1,281 | 1.01% |
| Illegal/Improper Parking | 1 | 0.12% | 80 | 0.16% | 168 | 0.22% | 249 | 0.20% |
| Failure to Control Vehicle | 160 | 18.85% | 5,788 | 11.66% | 5,583 | 7.37% | 11,531 | 9.14% |
| Headlights Not On | 1 | 0.12% | 45 | 0.09% | 65 | 0.09% | 111 | 0.09% |
| Inattentive/Distracted | 33 | 3.89% | 2,850 | 5.74% | 3,192 | 4.22% | 6,075 | 4.81% |
| Confused | 0 | 0.00% | 237 | 0.48% | 351 | 0.46% | 588 | 0.47% |
| Vision Obscured | 24 | 2.83% | 847 | 1.71% | 1,453 | 1.92% | 2,324 | 1.84% |
| Oversized/Loaded Vehicle | 0 | 0.00% | 39 | 0.08% | 119 | 0.16% | 158 | 0.13% |
| Inexperienced Driver | 10 | 1.18% | 657 | 1.32% | 778 | 1.03% | 1,445 | 1.14% |
| Other | 34 | 4.00% | 2,076 | 4.18% | 3,063 | 4.05% | 5,173 | 4.10% |
| Unknown | 65 | 7.66% | 4,299 | 8.66% | 12,082 | 15.96% | 16,446 | 13.03% |
| Total | 849 | 100.00% | 49,638 | 100.00% | 75,722 | 100.00% | 126,209 | 100.00% |

Up to two driver/vehicle related contributing circumstances may be listed for each driver/vehicle.
FTYROW—Failed to yield right-of-way.

Vehicles Involved in Hit & Run Crashes

| Hit & Run | Vehicles | | | | | | | |
|--------------------|---------------|----------------|----------------|----------------|------------------|----------------|----------------|----------------|
| | Fatal Crashes | | Injury Crashes | | Property Crashes | | Total Crashes | |
| | Number | Percent | Number | Percent | Number | Percent | Number | Percent |
| None | 723 | 98.10% | 36,792 | 82.95% | 46,678 | 67.44% | 84,193 | 73.66% |
| With Motor Vehicle | 1 | 0.14% | 404 | 0.91% | 1,190 | 1.72% | 1,595 | 1.40% |
| With Non-Occupant | 0 | 0.00% | 43 | 0.10% | 288 | 0.42% | 331 | 0.29% |
| Driver Left Scene | 2 | 0.27% | 486 | 1.10% | 1,240 | 1.79% | 1,728 | 1.51% |
| Unknown | 11 | 1.49% | 6,628 | 14.94% | 19,814 | 28.63% | 26,453 | 23.14% |
| Total | 737 | 100.00% | 44,353 | 100.00% | 69,210 | 100.00% | 114,300 | 100.00% |